

Conference Agenda NANOBUBBLE 2022

Date: [Monday 19/Sept/2022](#)

5:30 PM - 7:00 PM

Poster Pitches

Nanobending of the microscopic gas-liquid interface on the solid surface and its potential impact on the nanobubble profile

Jinming Zhang, Wei Ding, Uwe Hampel

The fate of bulk nanobubbles under gasdissolution

Hongguang Zhang, Shan Chen, Zhenjiang Guo, Xianren Zhang

On the Effect of fluid temperature variations in the generation of hydrodynamic cavitating flow patterns on chip

Farzad Rokhsar Talabazar, Araz Sheibani Aghdam, Ali Koşar, Morteza Ghorbani

The Hydrodynamic on Chip Concept in Household Appliances

Seyedali Seyedmirzaei Sarraf, Mohammadamin Maleki, Farzad Rokhsar Talabazar, Araz Sheibani Aghdam, Kübra Çalışır, Ehsan Tuzcuoğlu, Morteza Ghorbani

Growth and Dynamics of H₂ bubbles at microelectrodes

Aleksandr Bashkatov, Syed Sahil Hossain, Gerd Mutschke, Kerstin Eckert

Interaction & stability of nanobubbles and pre-nucleation clusters during ultrasonic treatment of hard & soft water

Eavan Fitzgerald, J.M.D. Coey

A new hydrodynamic generator for bulk nanobubbles production; characterization and evaluation of properties and applications

E.P. Favvas, A.A. Sapalidis, D.S. Karousos, E. Patounas, G.Z. Kyzas, V. Koutsos, A. Ch. Mitropoulos

Nanobubbles influence on membrane separation processes

Jarosław Kupiec, Andrzej Mróz

Experimental investigation into the effect of ultrafine bubbles on interaction between bubble clusters and an acrylic wall under sound field

Shusuke Toriumi, Toshihiko Sugiura

online

Nanostructure-dependent nanobubble drag reduction on NiTi self-adaption surface

Yan Lu, Chao Wang

online

rtPA-loaded targeted nanobubbles as a new thrombus-specific thrombolytic strategy

Monica Argenziano, Sara Capolla, Paolo Durigutto, Mario Colucci, Pier Luigi Meroni, Francesco Tedesco, Paolo Macor, Roberta Cavalli

Gallery "Bubbles" Location: Festung Mark Kanonengang